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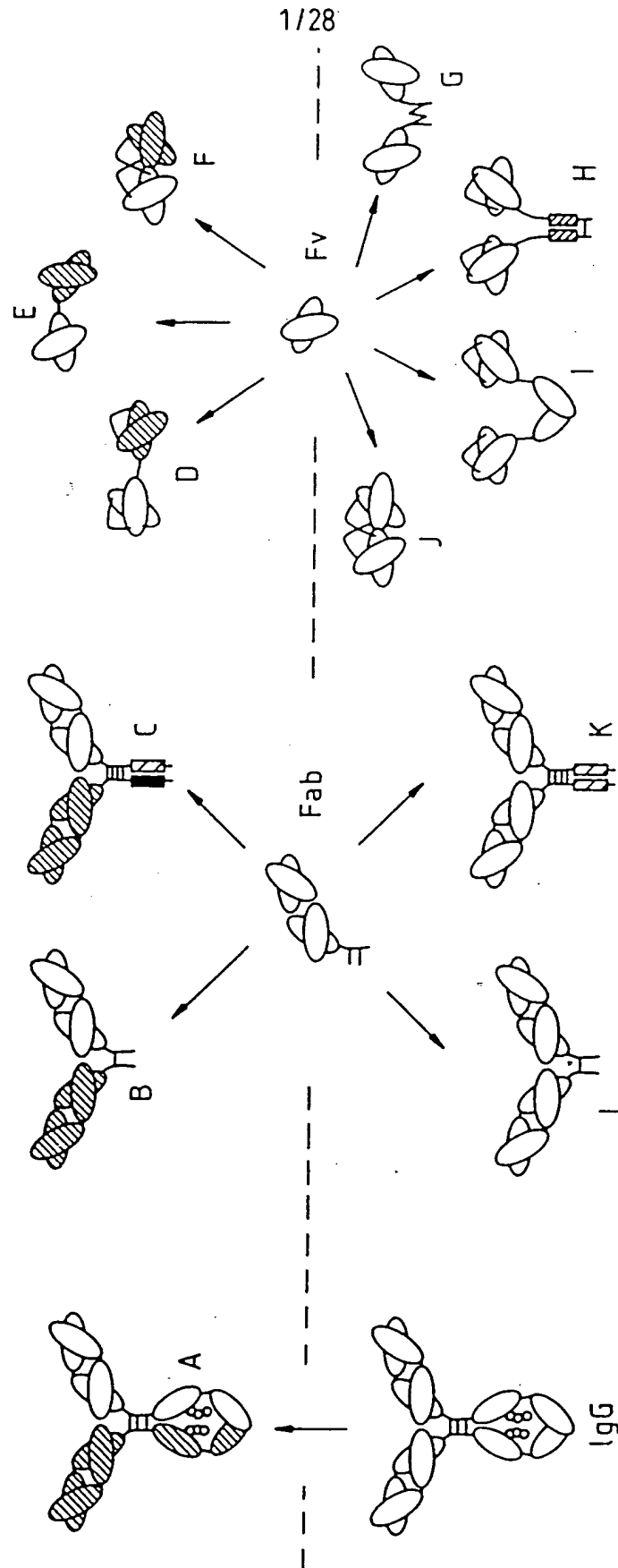
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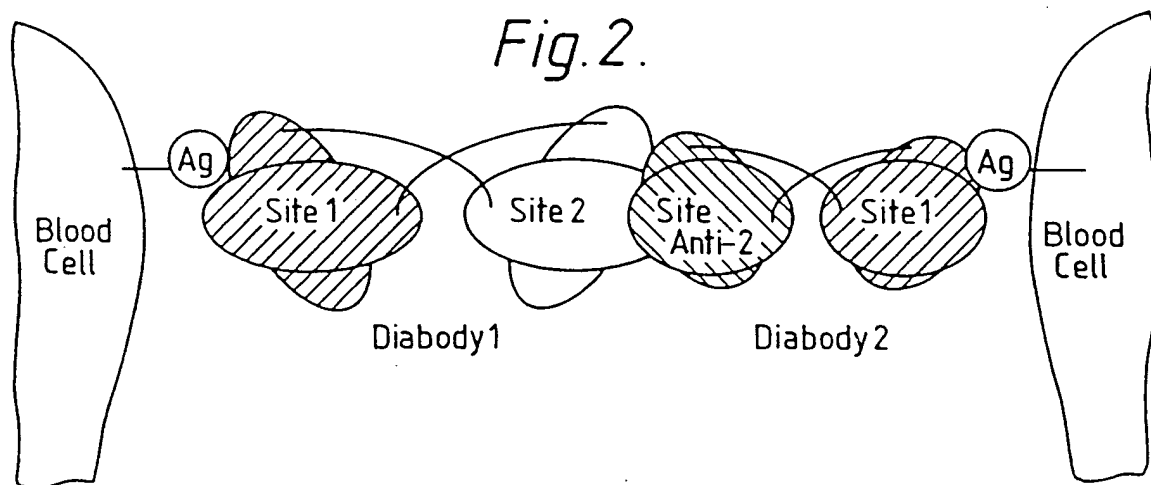
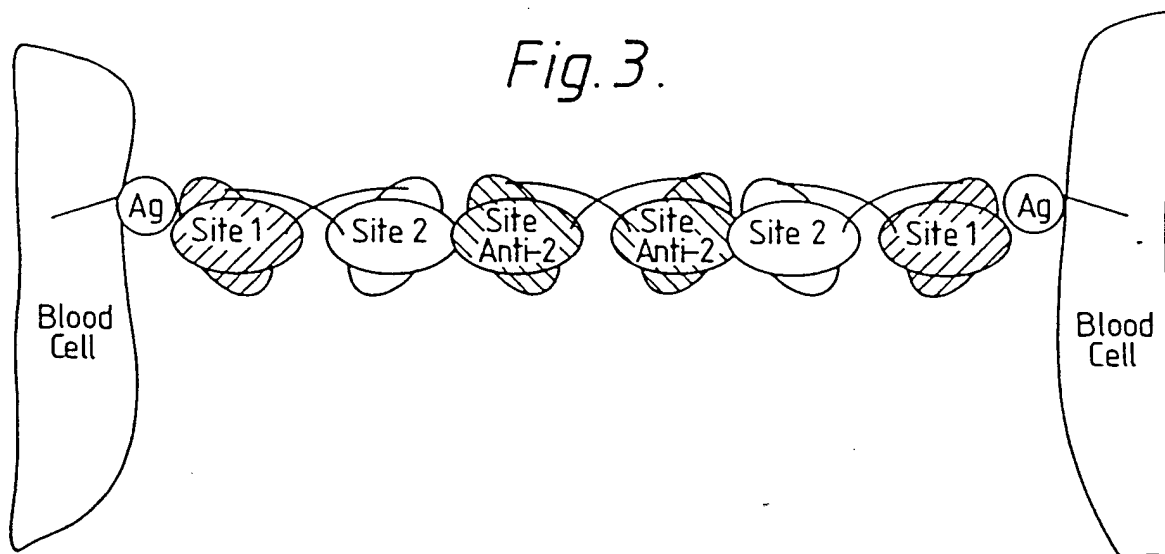
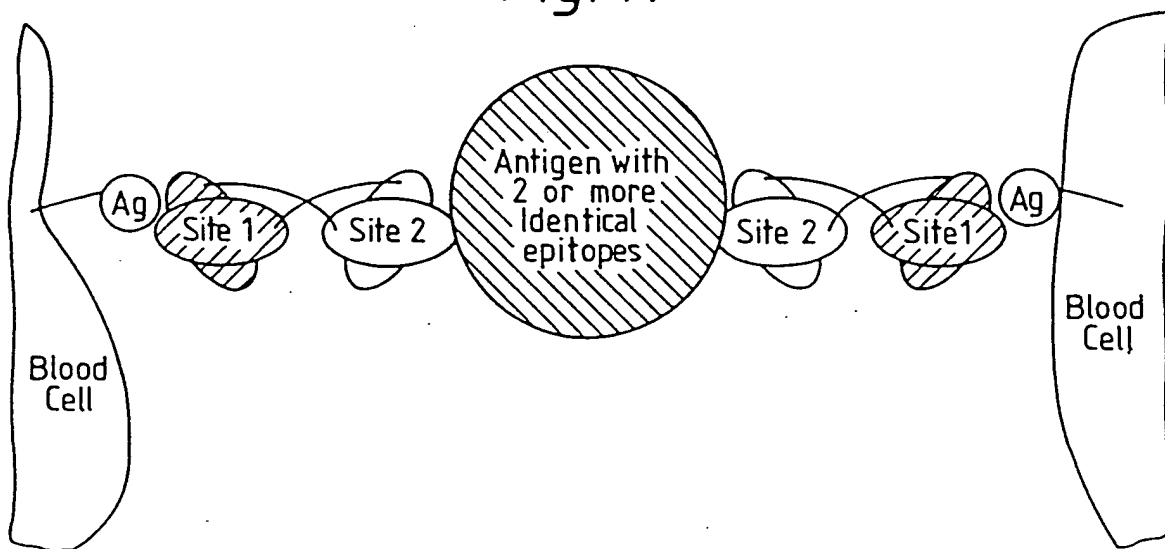
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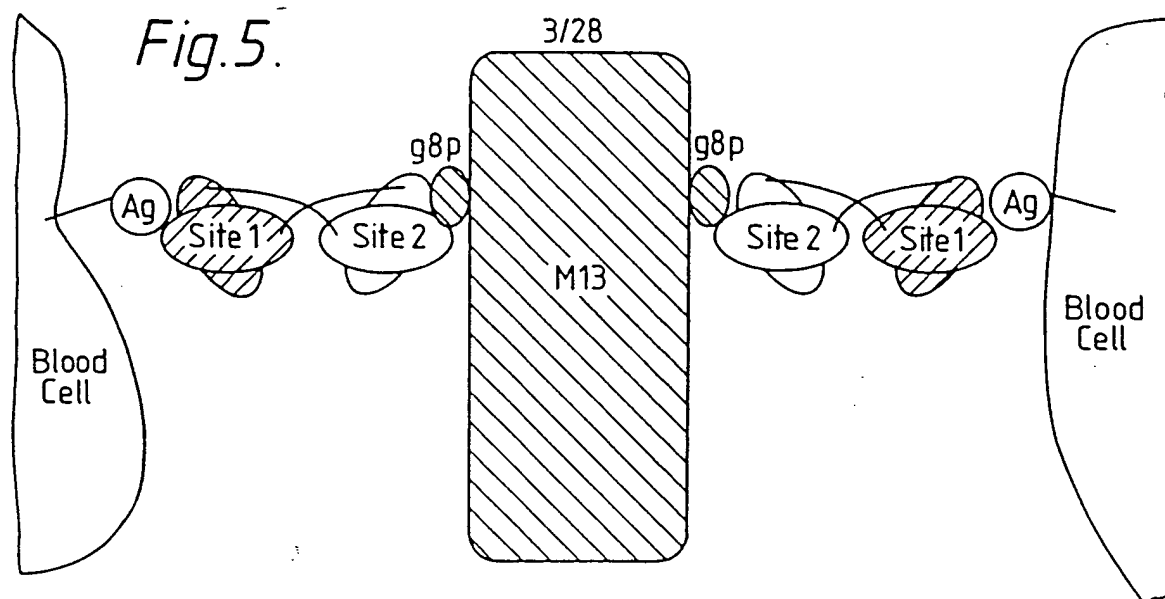
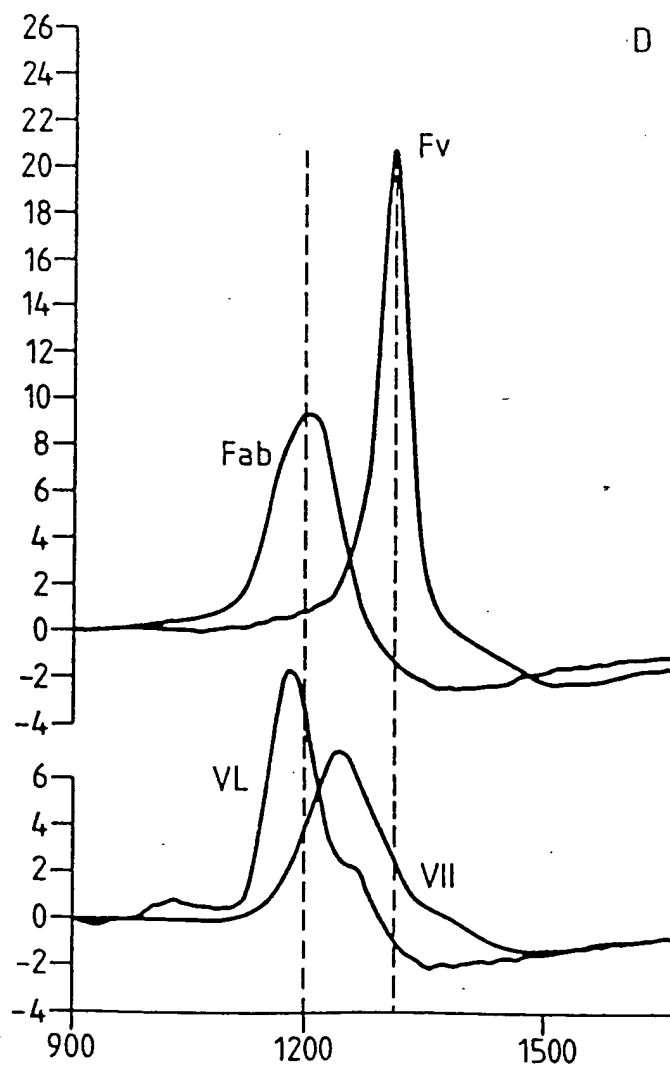
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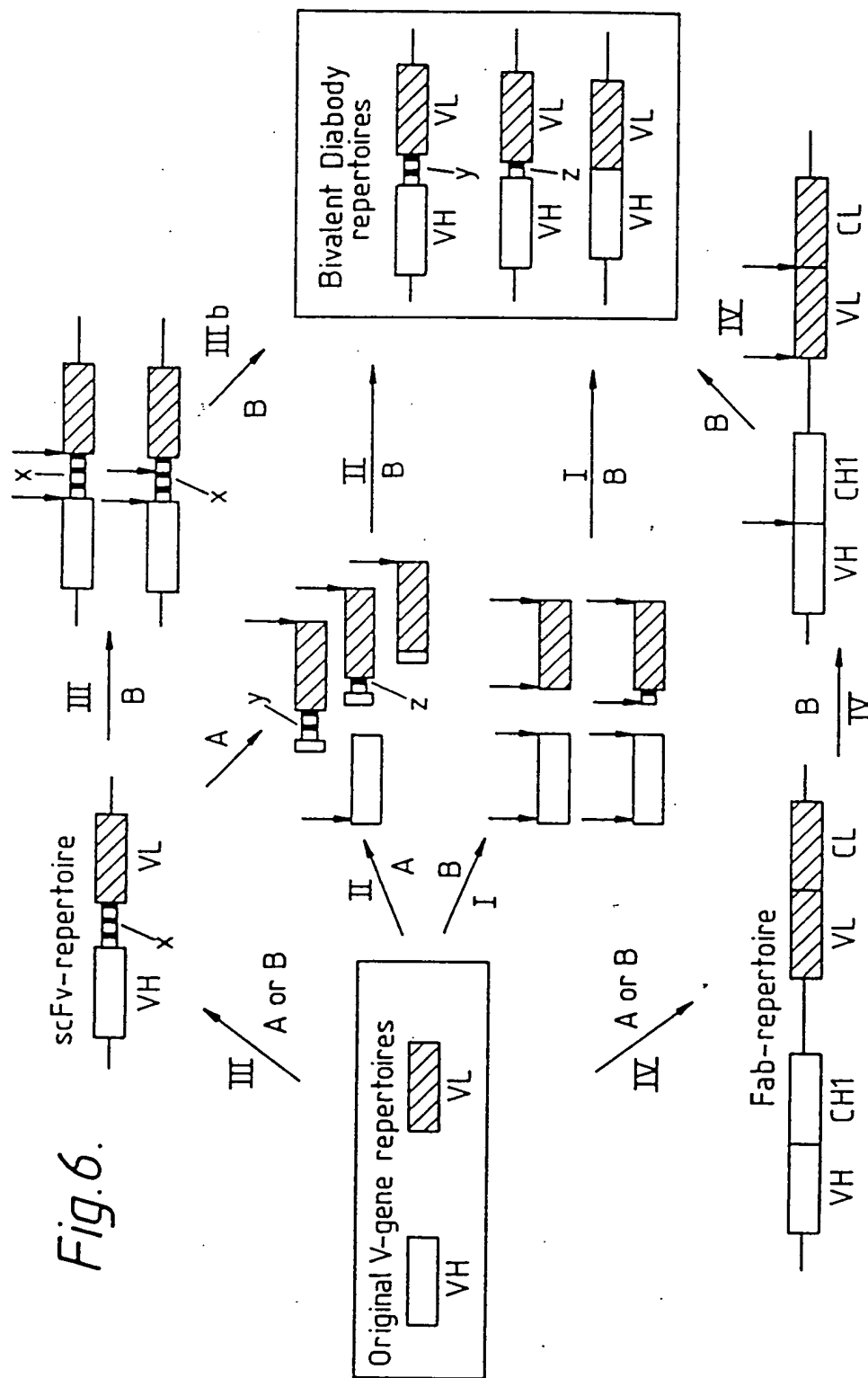
Fig.1.

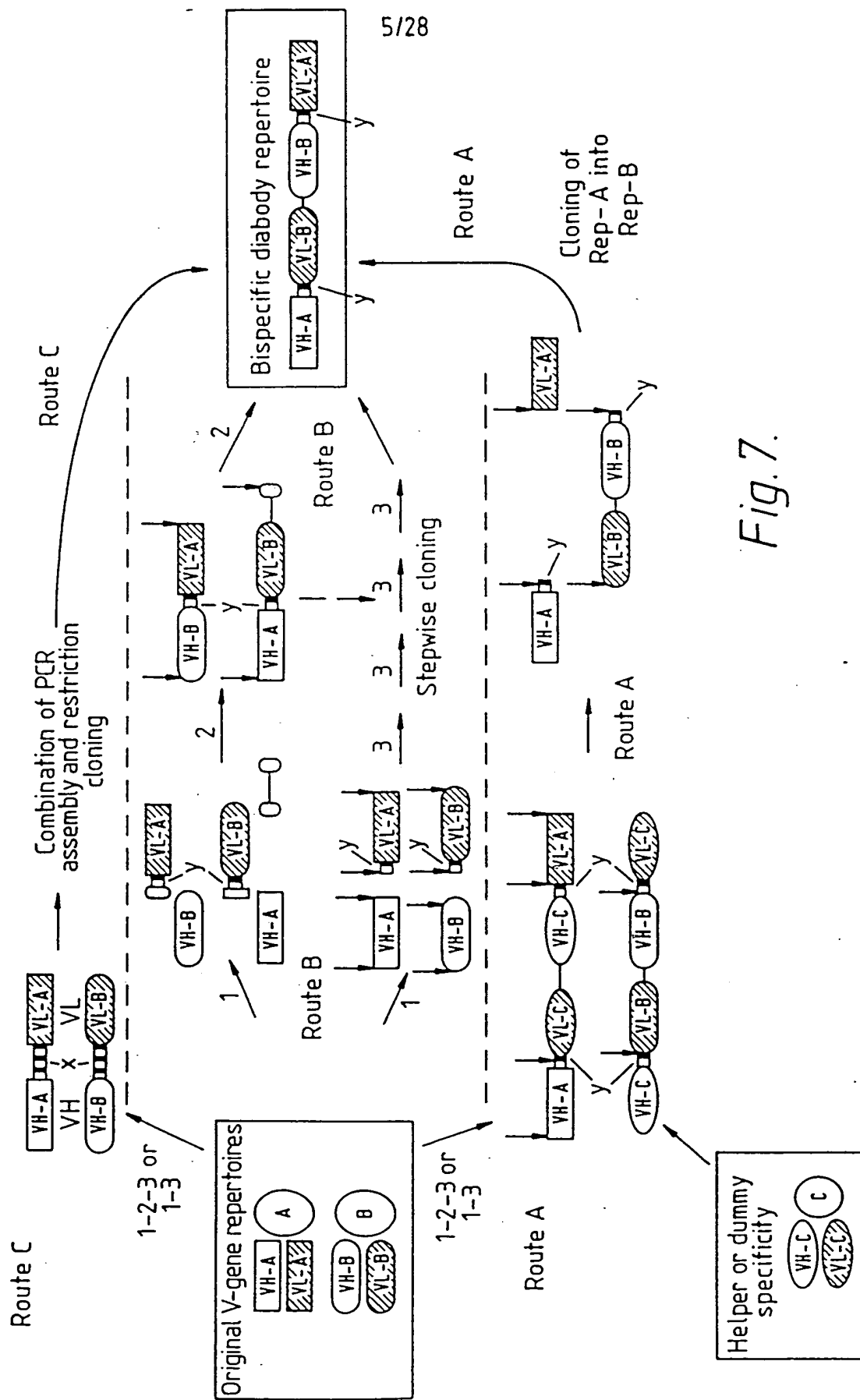


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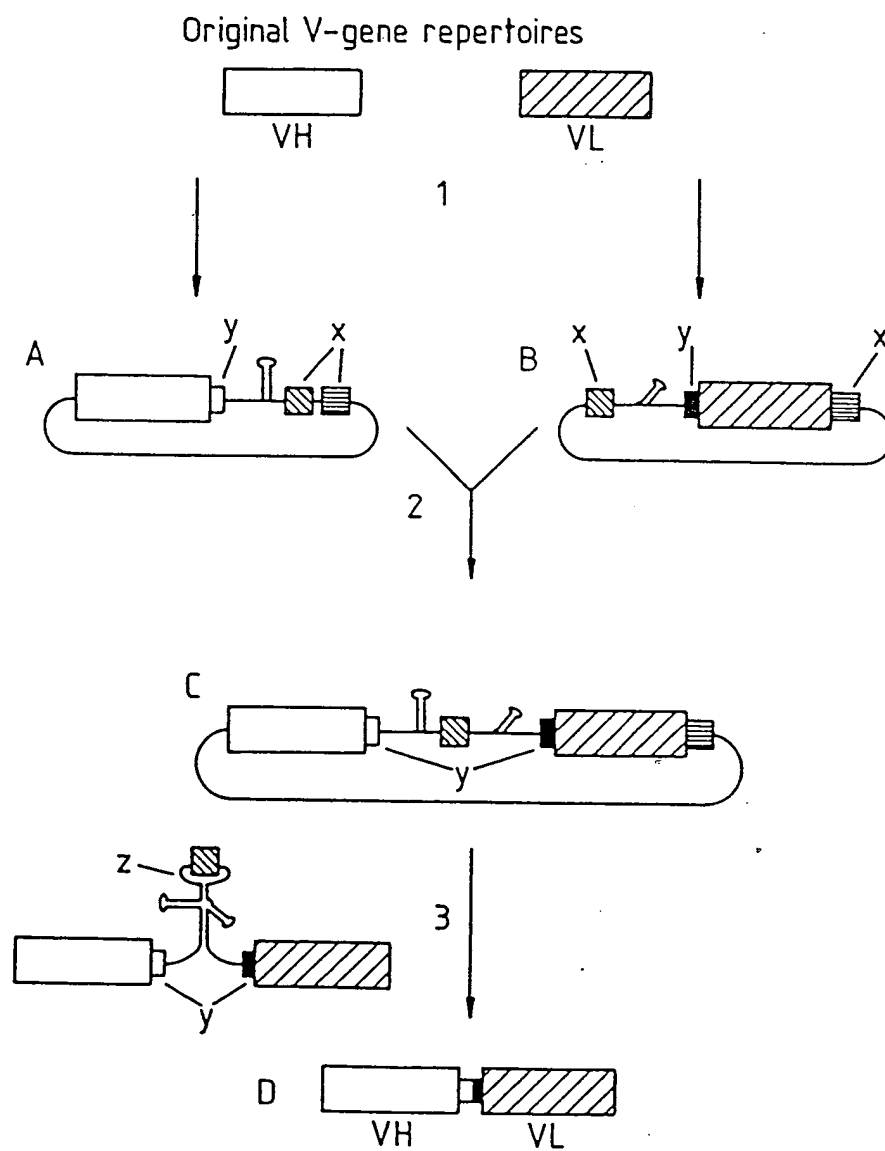
Fig. 2.*Fig. 3.**Fig. 4.*

*Fig. 11.*



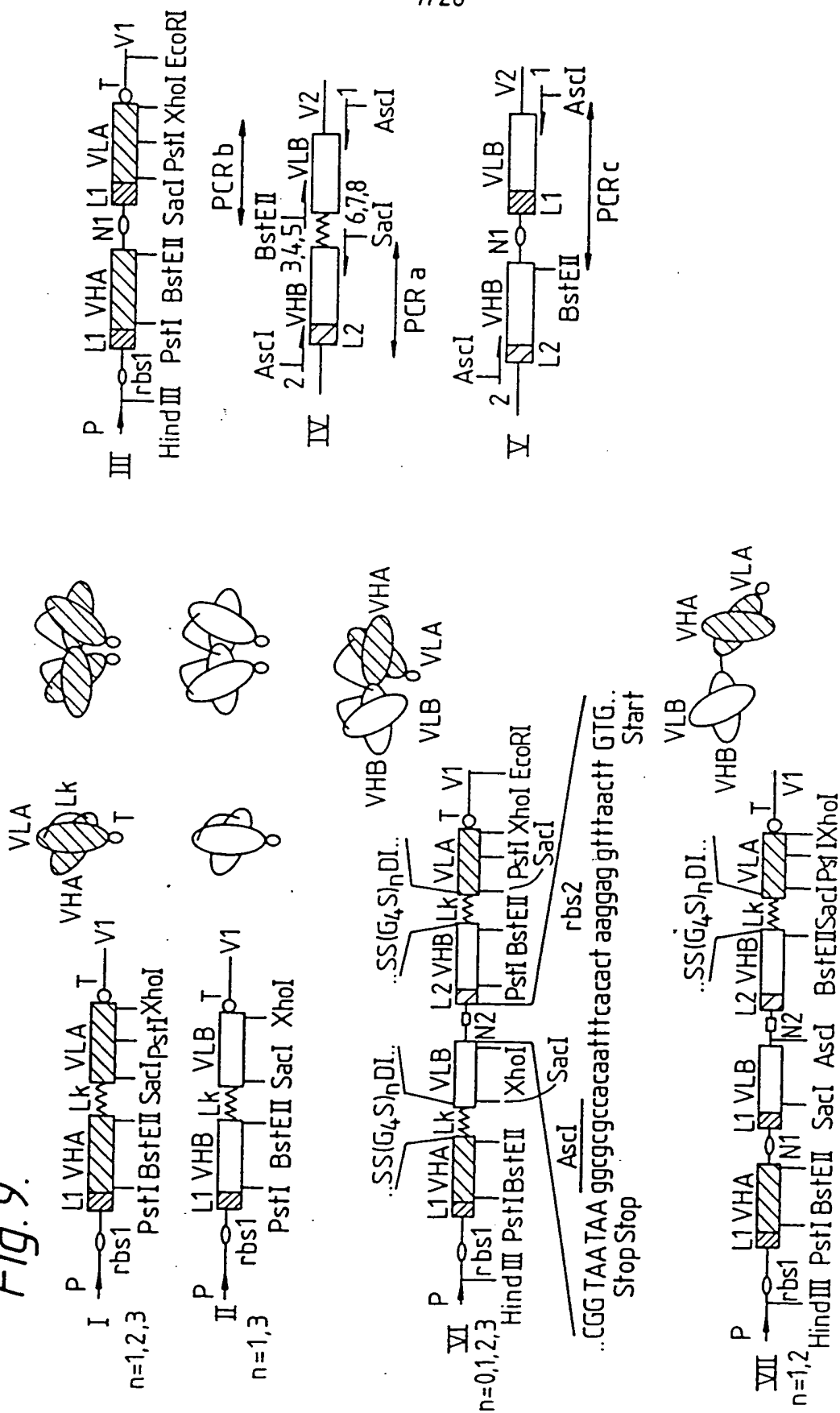


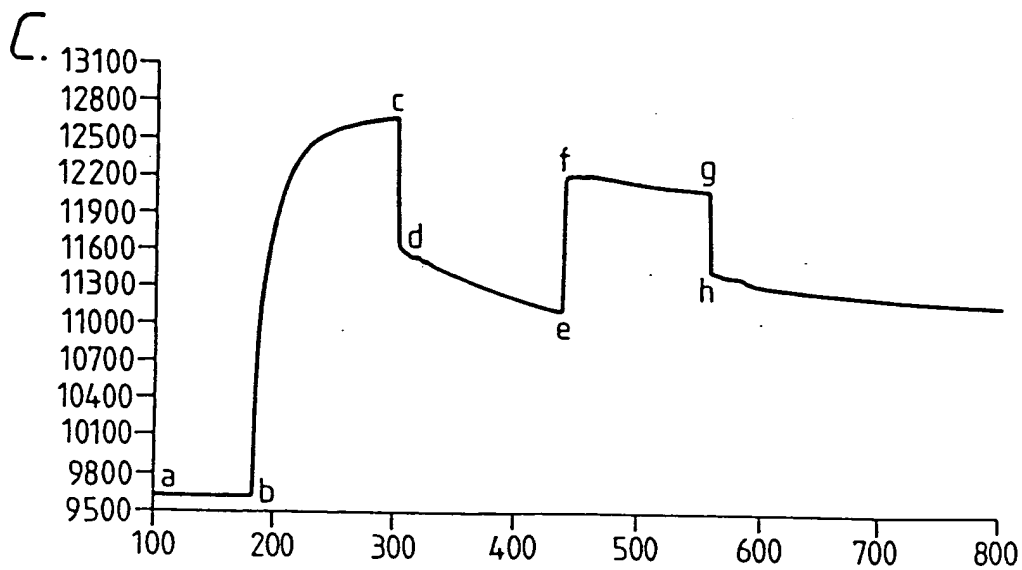
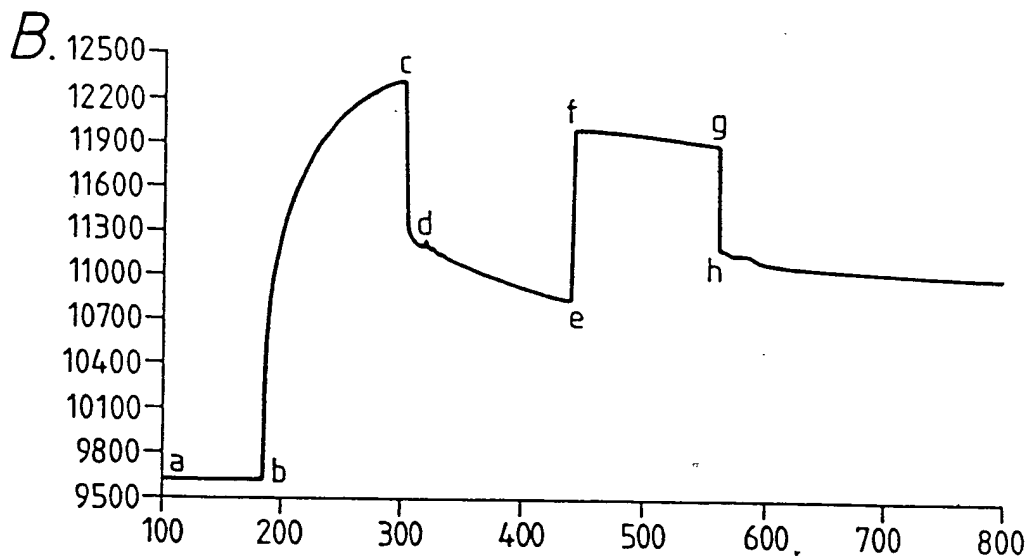
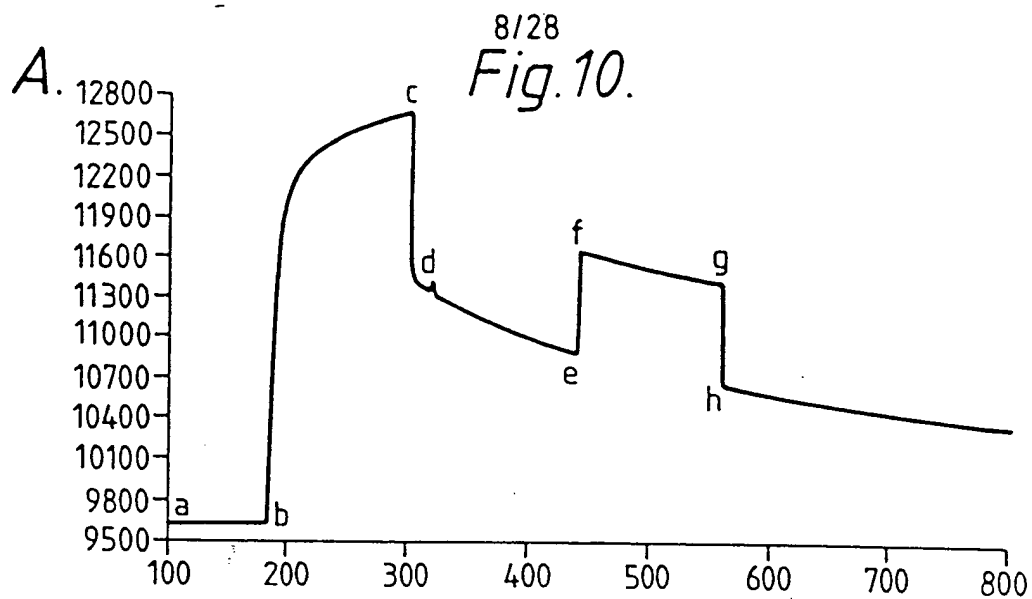
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Fig. 8.

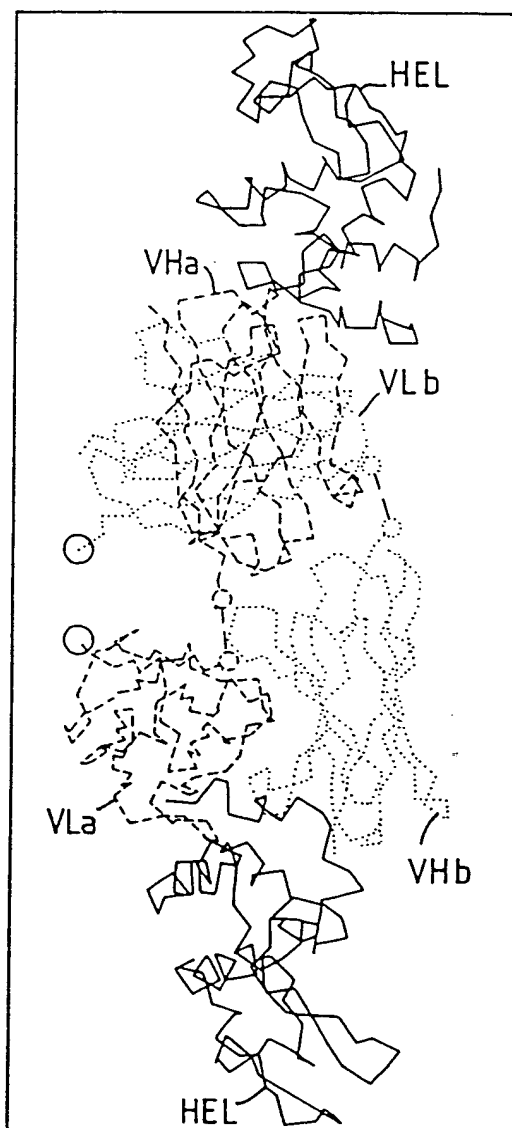
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Fig. 9.





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Fig.12.

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Fig. 13.

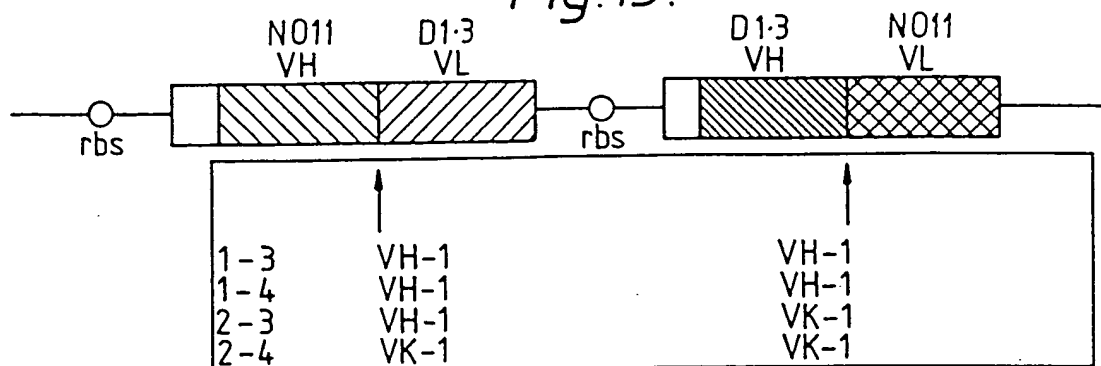


Fig. 14.

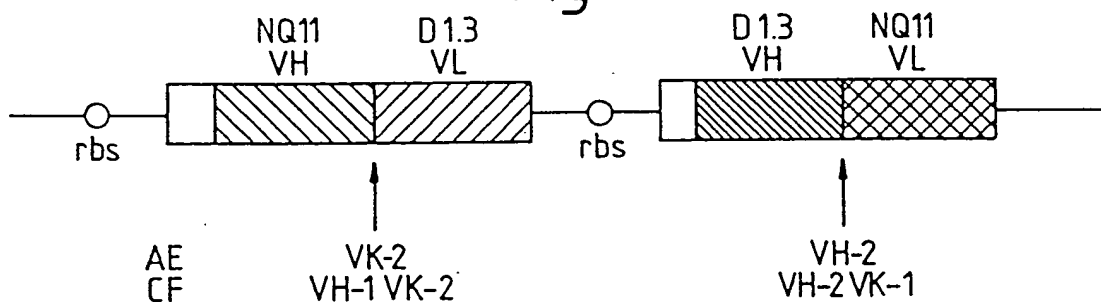
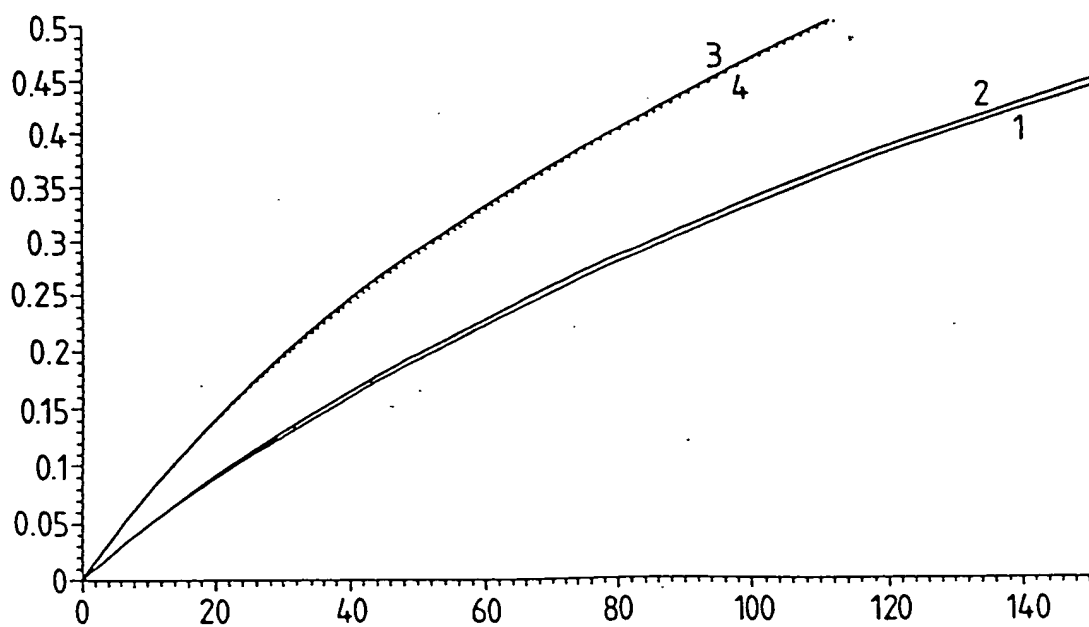
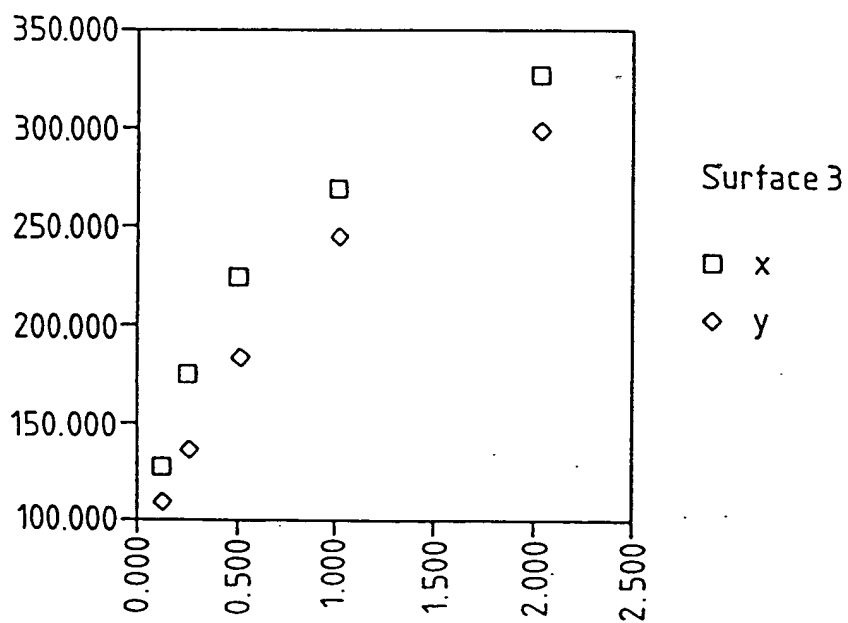
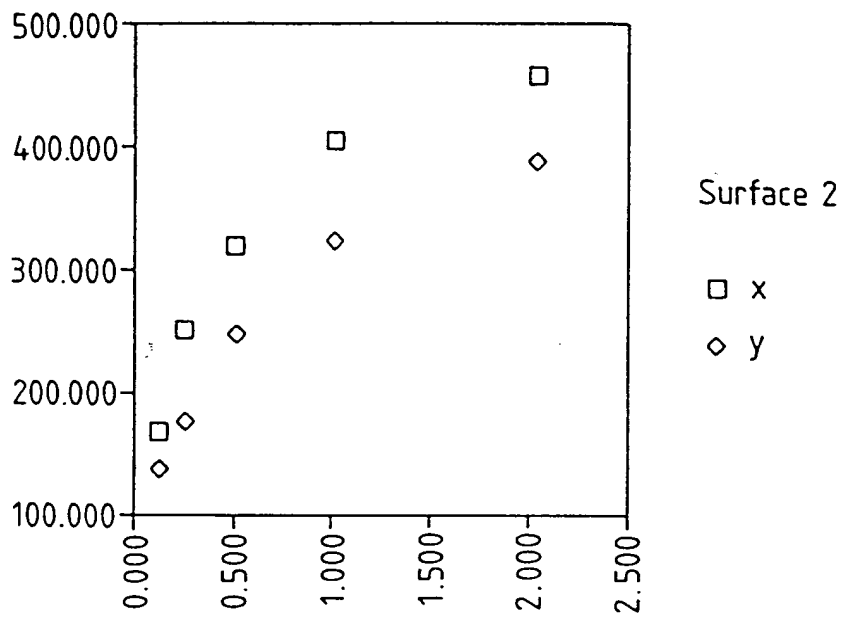


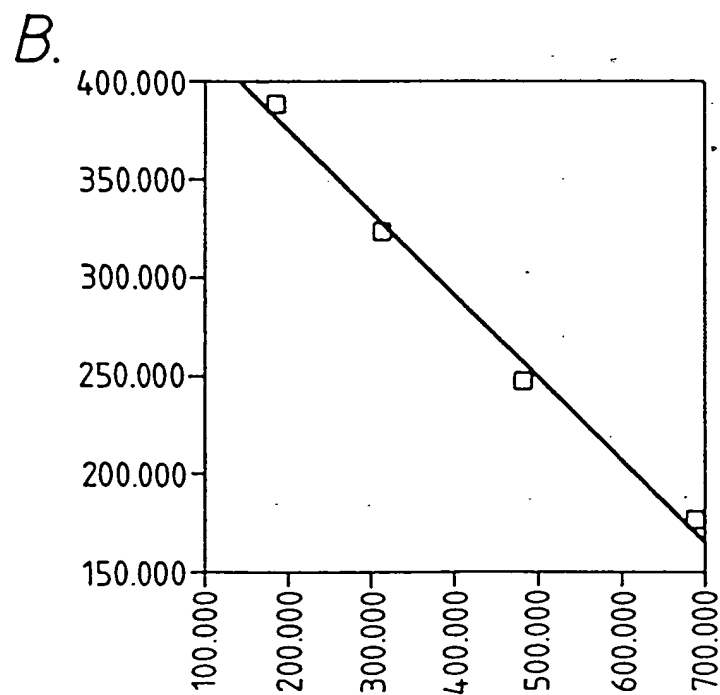
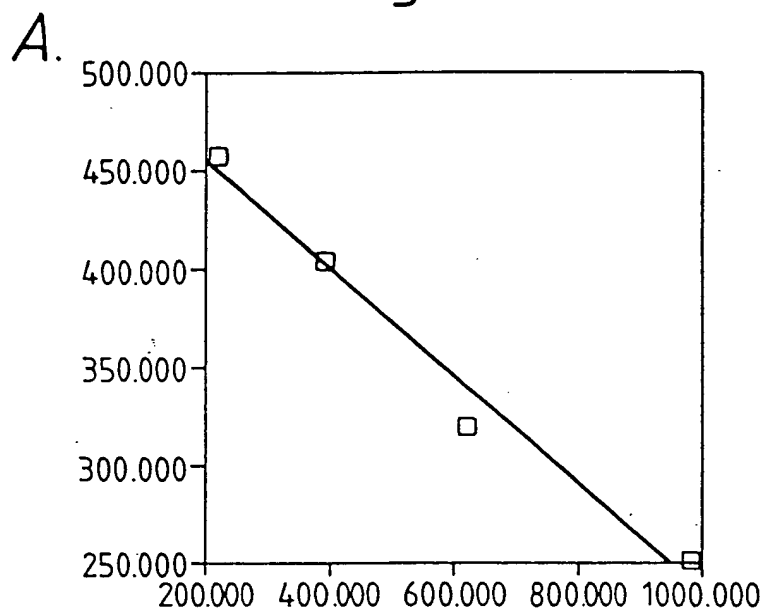
Fig. 15.



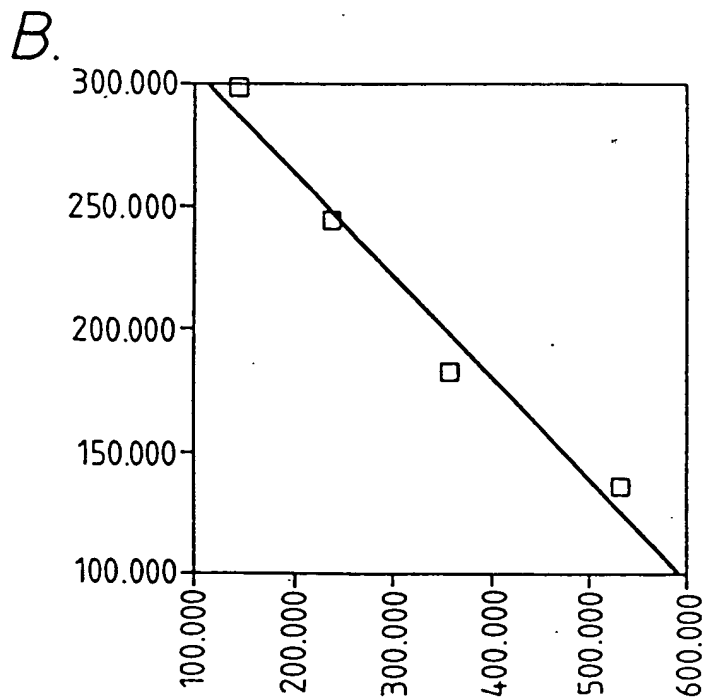
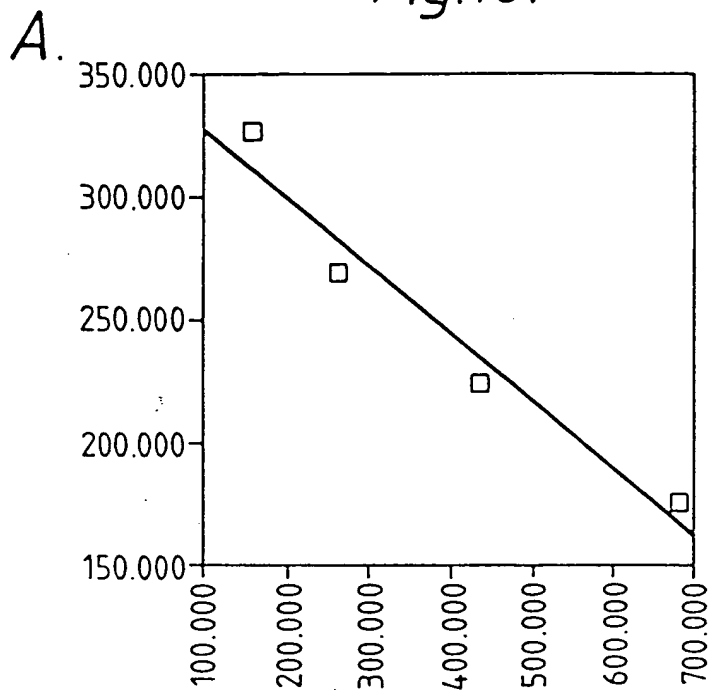
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Fig.16.

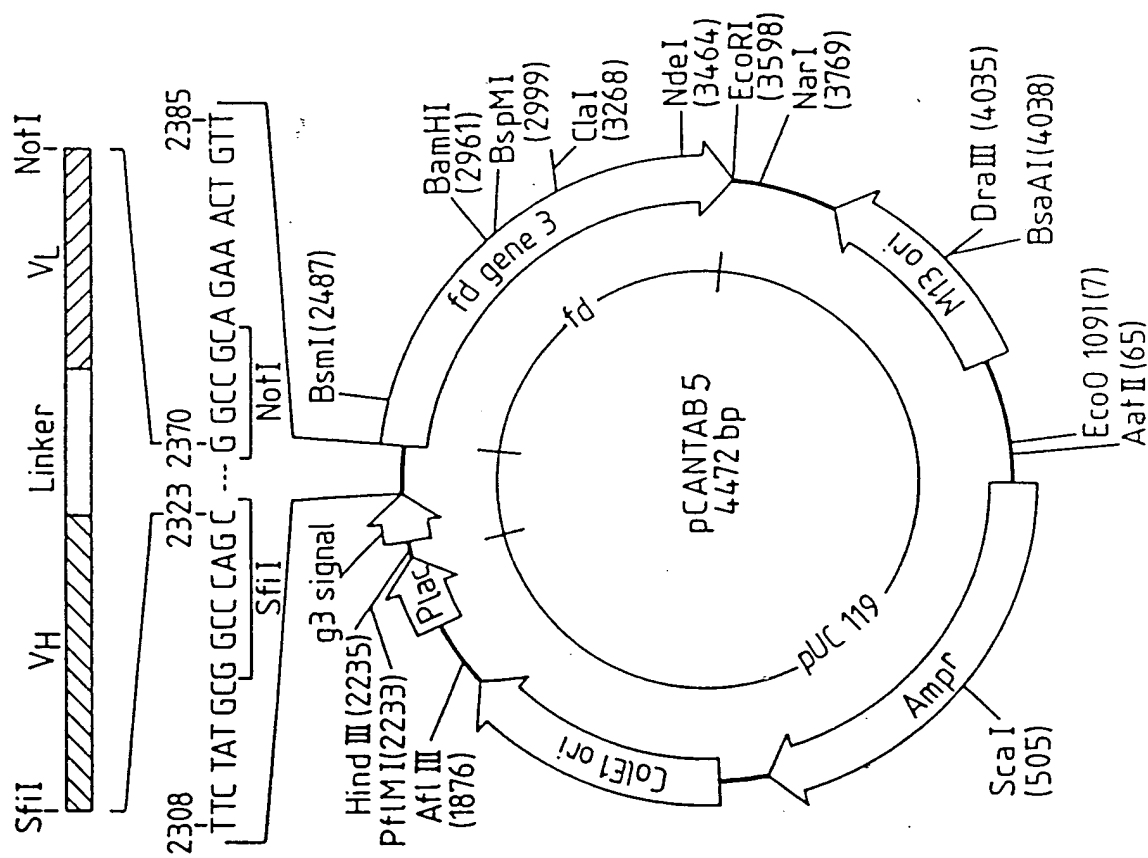
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Fig.17.

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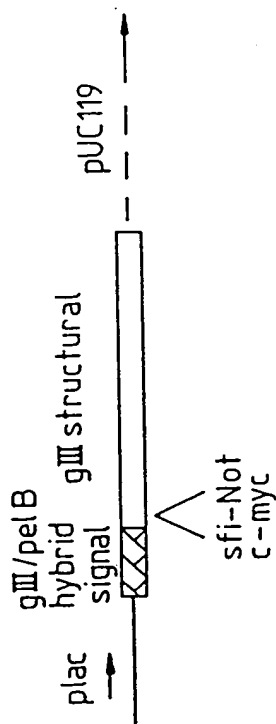
Fig.18.

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Fig.19(Cont).



----- CAT LEADER ----- -11
V K K L L F A I P L V V F Y A A Q P A M A Q V Q L Q V
GTG AAA TTA TTA TTC GCT ATT CCT TTA GTT GTT TTC TAT GCG GCC CAG CCG GCC ATG GCC CAG GTC CAA CTG CAG GTC Pst I Sal I
----- Sfr
D L E I K R A A A E Q K L I S E E D L N G A A (E) T V E
GAC CTC GAG ATC AAA CGG GCG GCC GCA GAA CAA AAA CTC ATC TCA GAA GAG GAT CTG AAT GGG GCC GCA TAG ACT GTT GAA
Xho I Not I [===== c-myc lag =====] +1..... fd gene III-----

pCANTAB-5 myc

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Fig. 20.

HindIII
AAGCTT TGGAGCCTTT TTTTGGGAGA TTTTCAAC GTG AAA AAA TTA TTA TTC GCA
 V K K L L F A

Signal sequence

SfiI
 ATT CCT TTA GTT GTT CCT TTC TAT GCG GCC CAG CCG GCC ATG GCC CAG
 Q

I P L V V P P F Y A A Q P A M A

NotI

GTC CAA CTG CAG GTC GAC CTC GAG ATC AAA CCG GCC GCA CAT CAT
 V Q L Q V D L E I K R A A H H

HIS tag

Myc tag

CAT CAC CAT CAC GGG GCC GCA GAA CAA AAA CTC ATC TCA GAA GAG GAT CTG
 G A A
 H H H H E Q K L I S E E D L

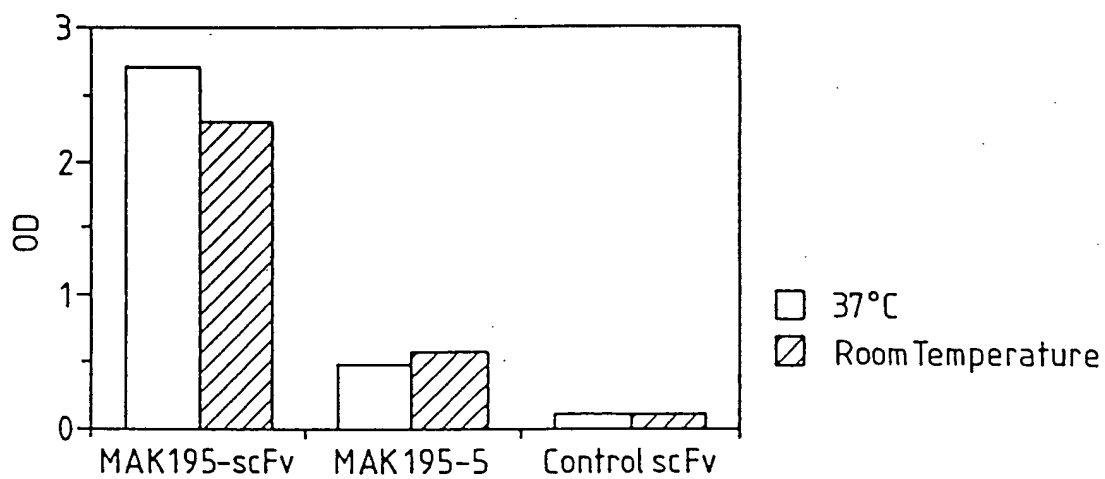
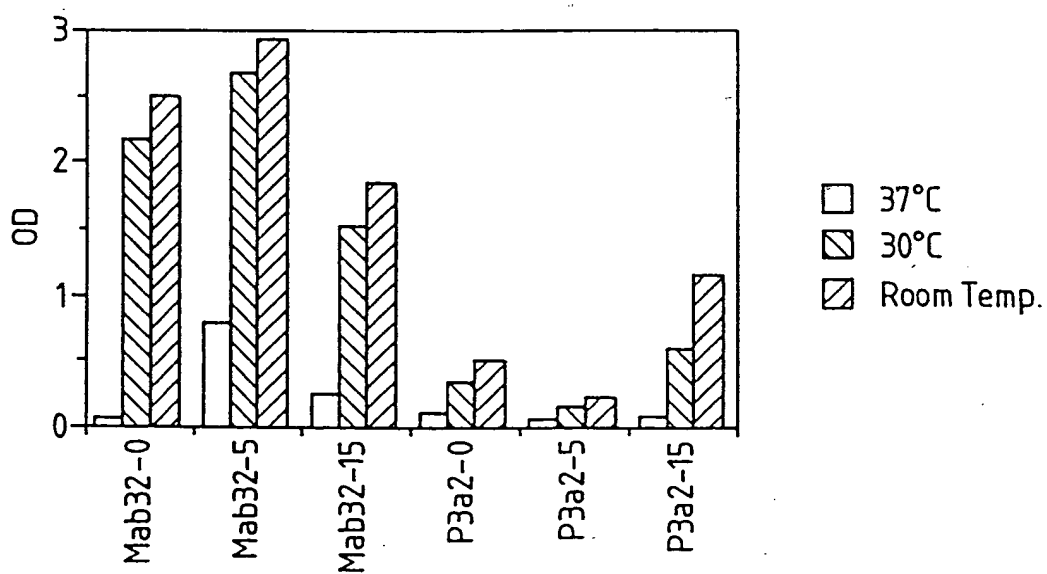
Amber

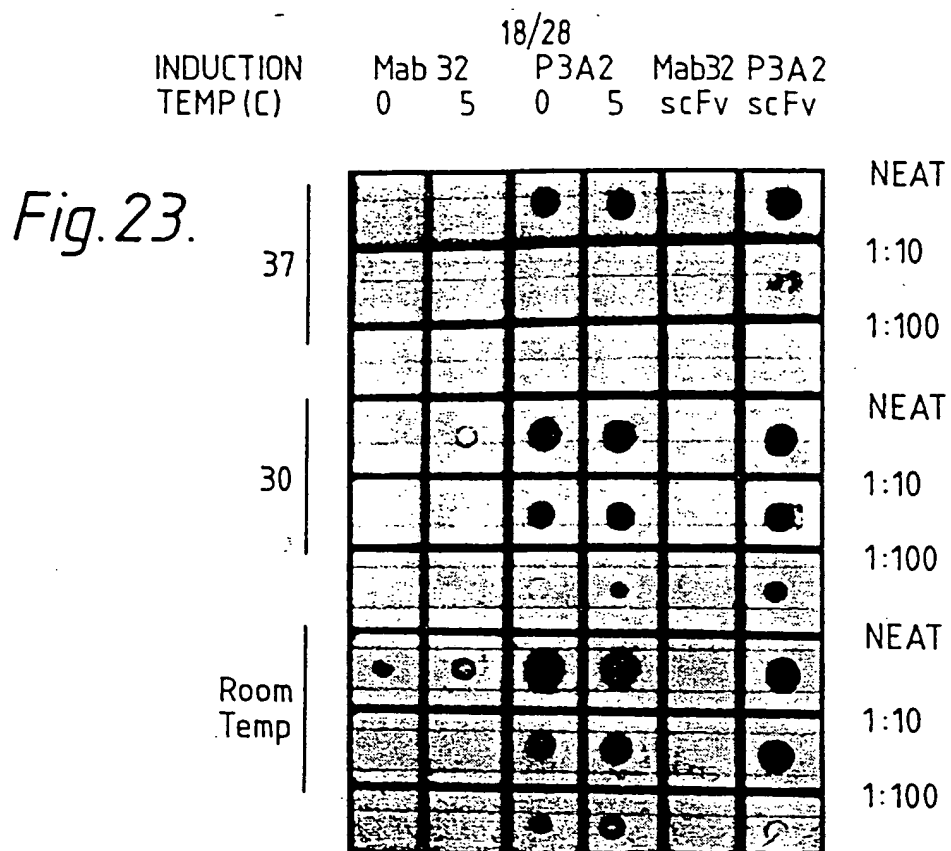
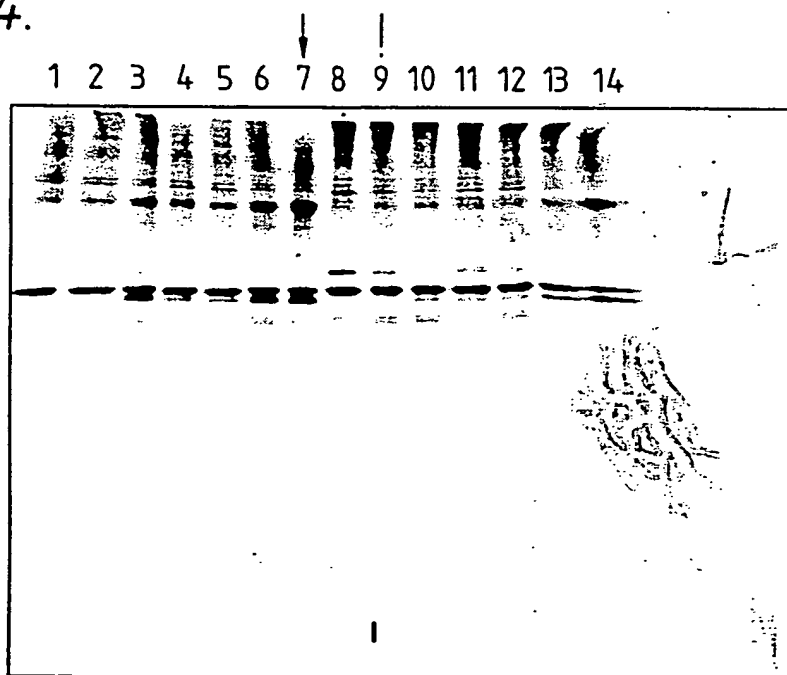
Gene 3

AAT GGG GCC GCA TAG ACT GTT GAA AGT TGT TTA GCA AAA CCT CAT ACA
 G A A *
 N T V E S C L A K P H T

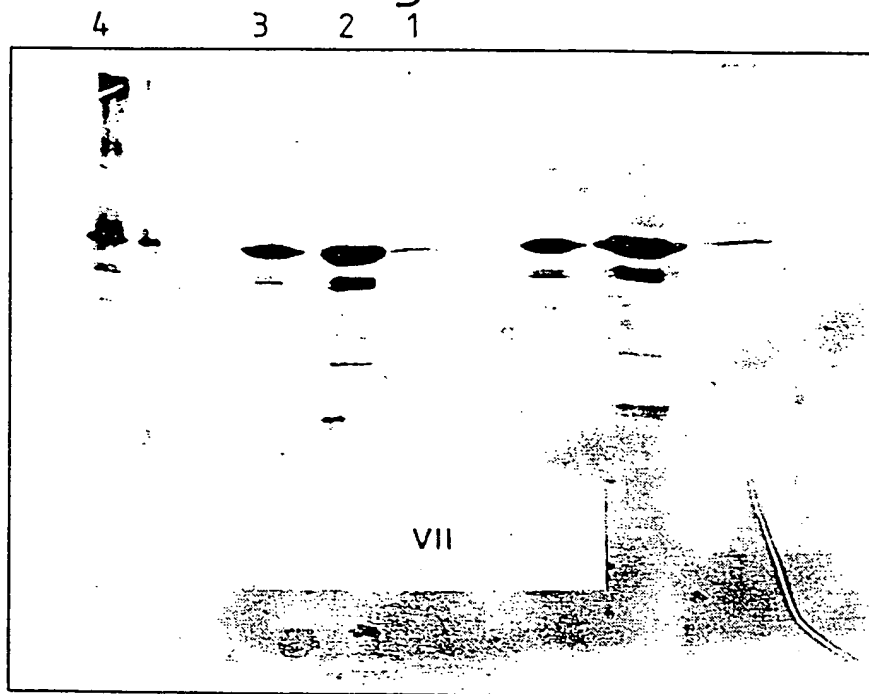
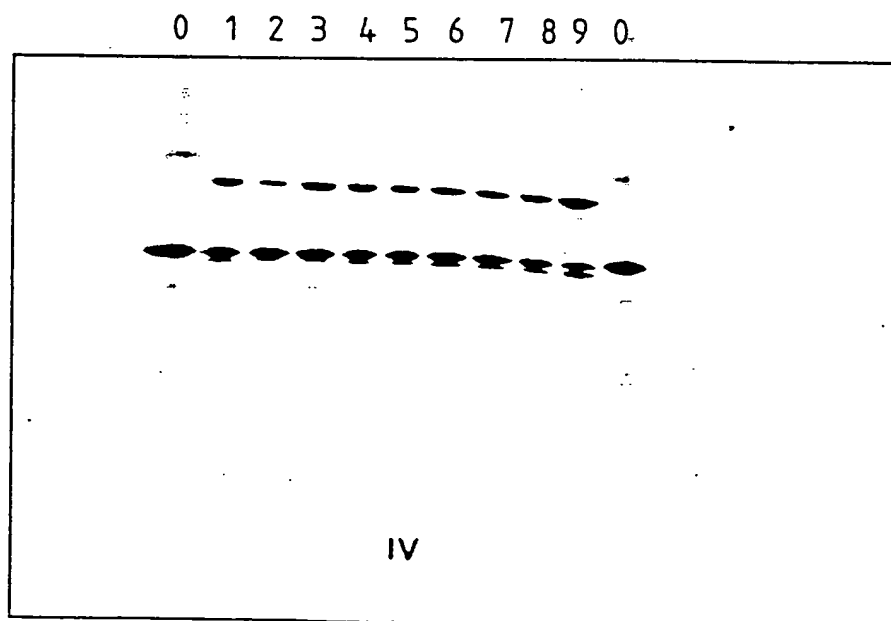
GAA AAT TCA TTT ACT AAC GTC TGG
 E N S F T N V

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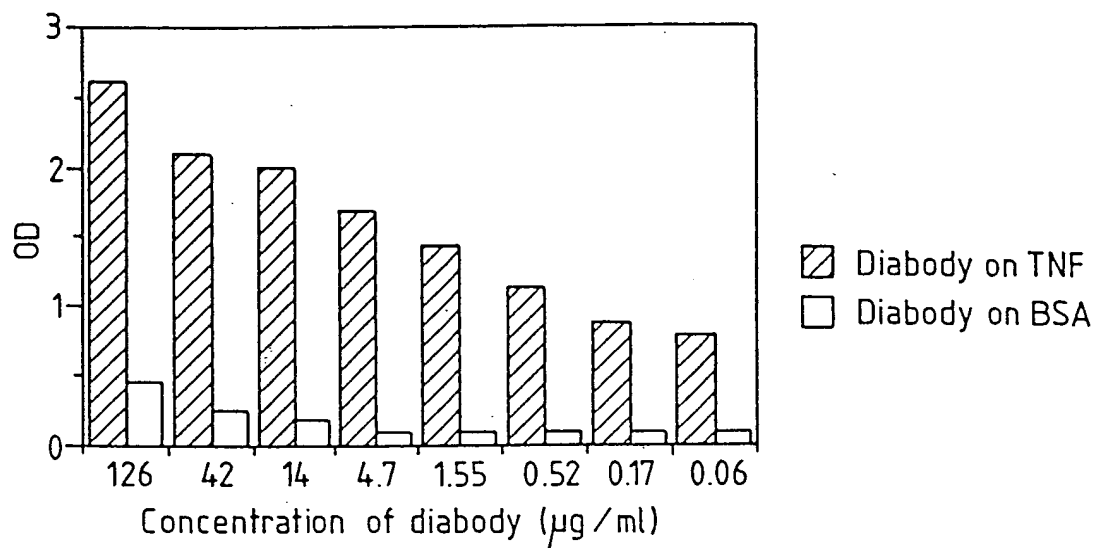
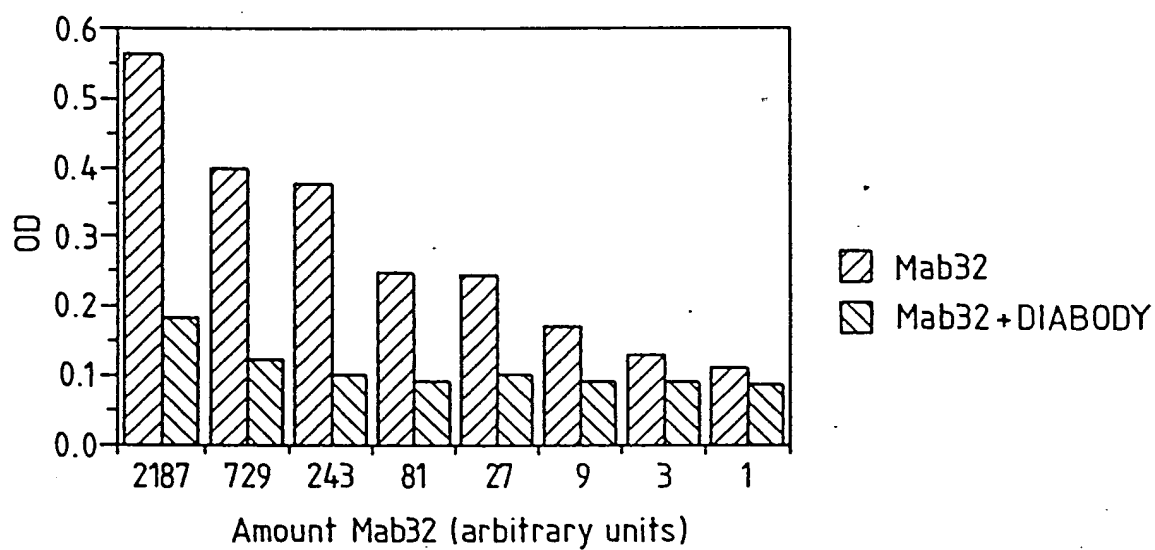
Fig. 21.*Fig. 22.*

*Fig. 24.*

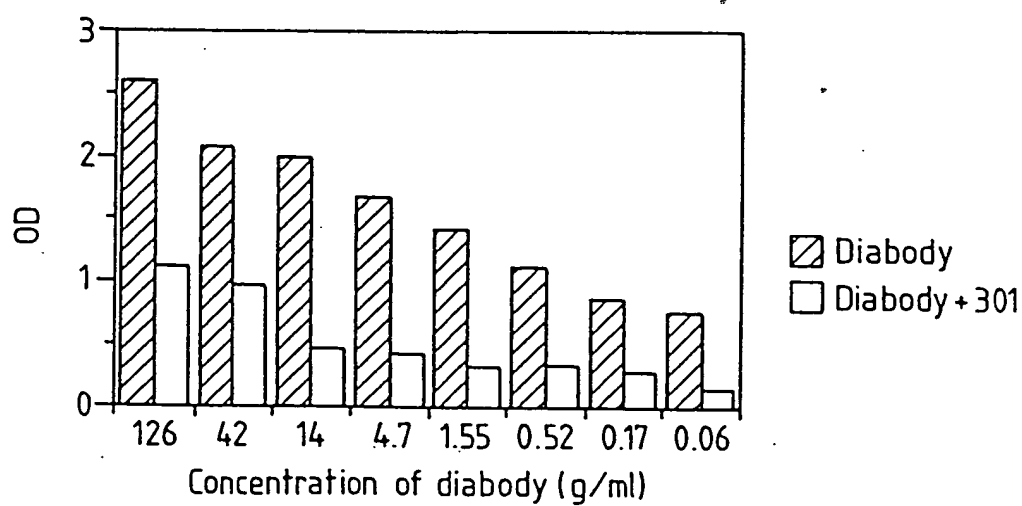
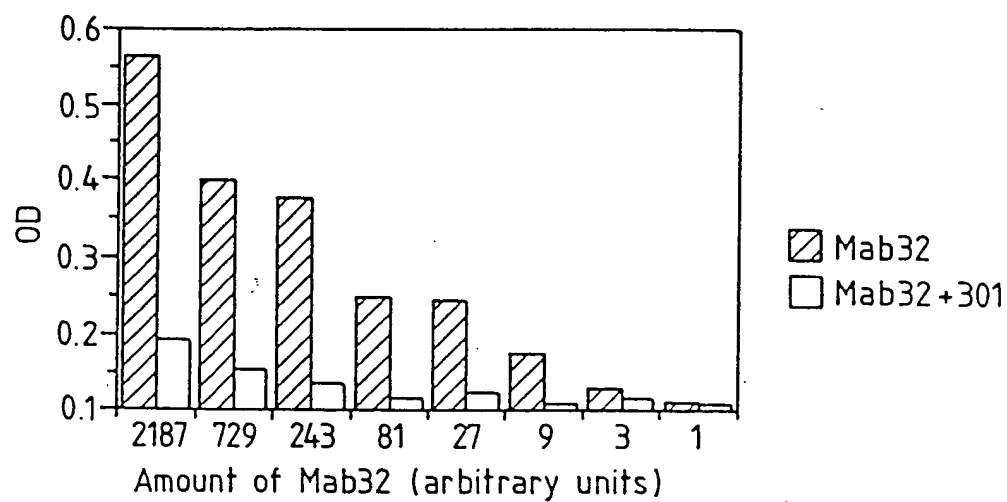
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Fig. 25.*Fig. 26.*

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Fig.27.*Fig.28.*

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Fig. 29.

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Fig. 30.

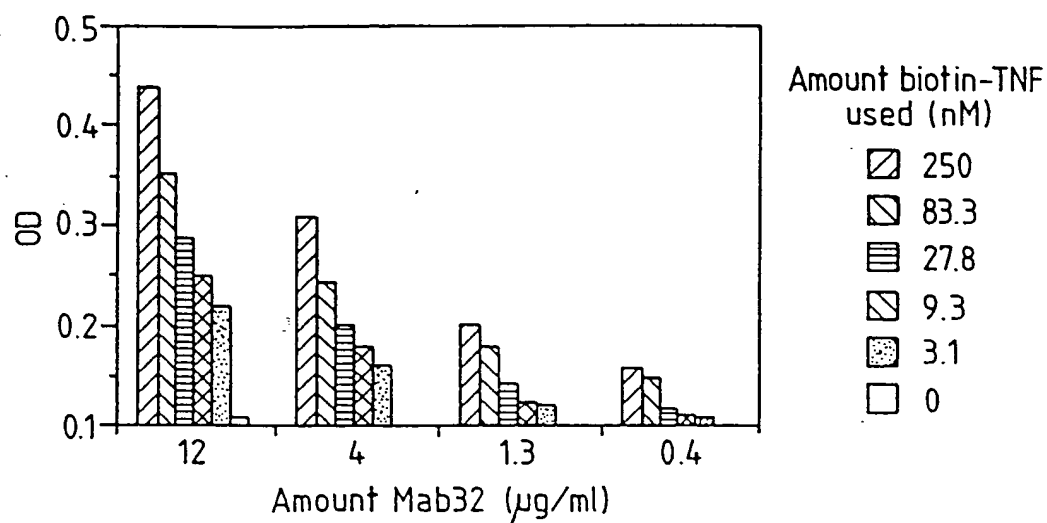
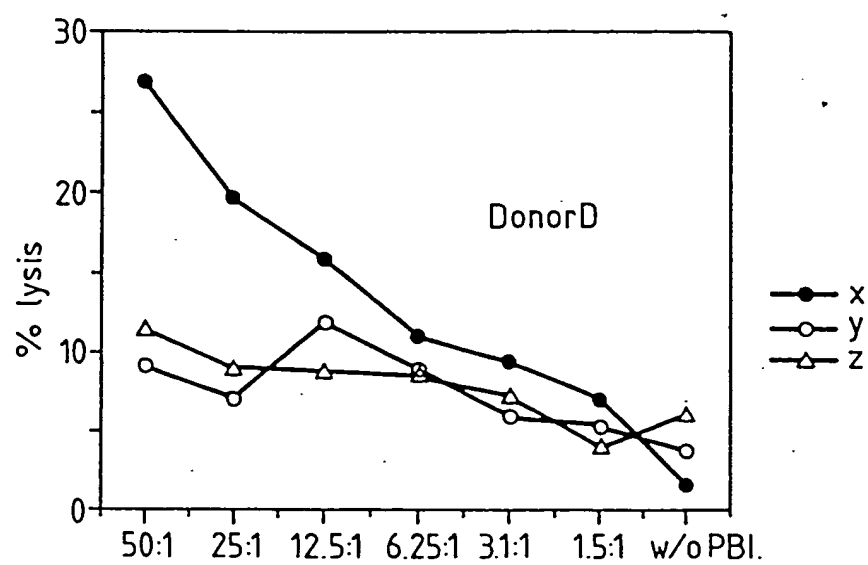


Fig. 31.



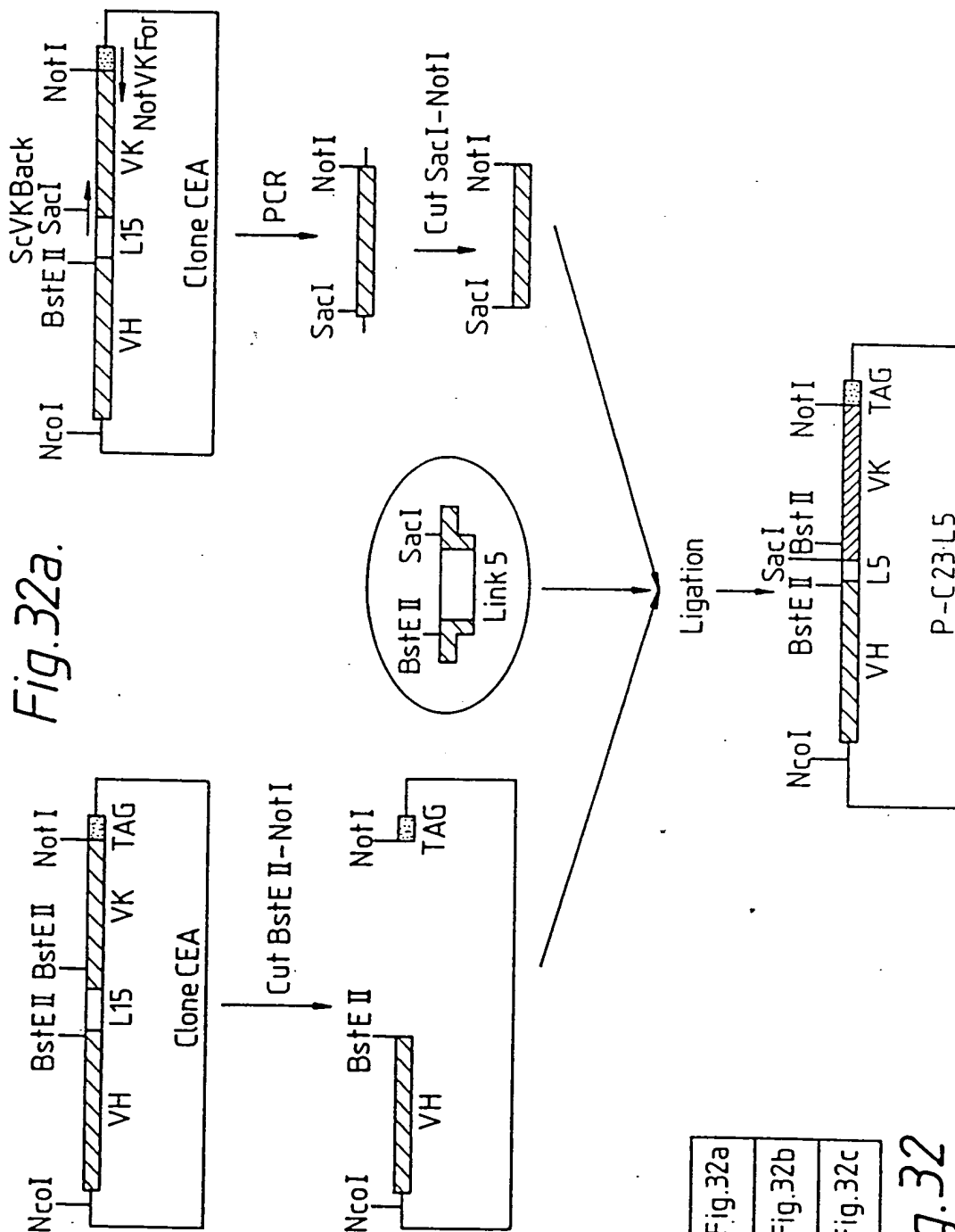
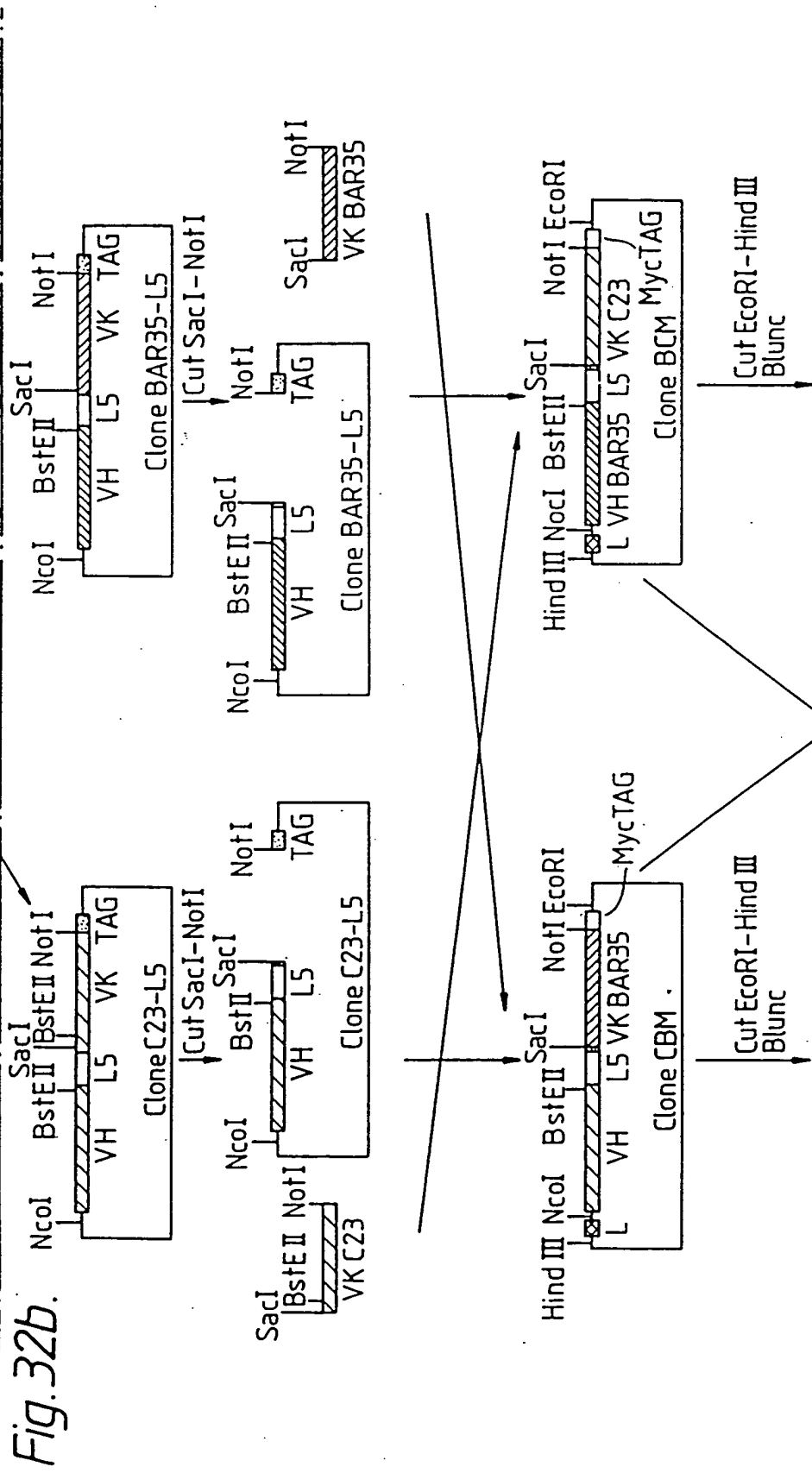


Fig. 32a
Fig. 32b
Fig. 32c

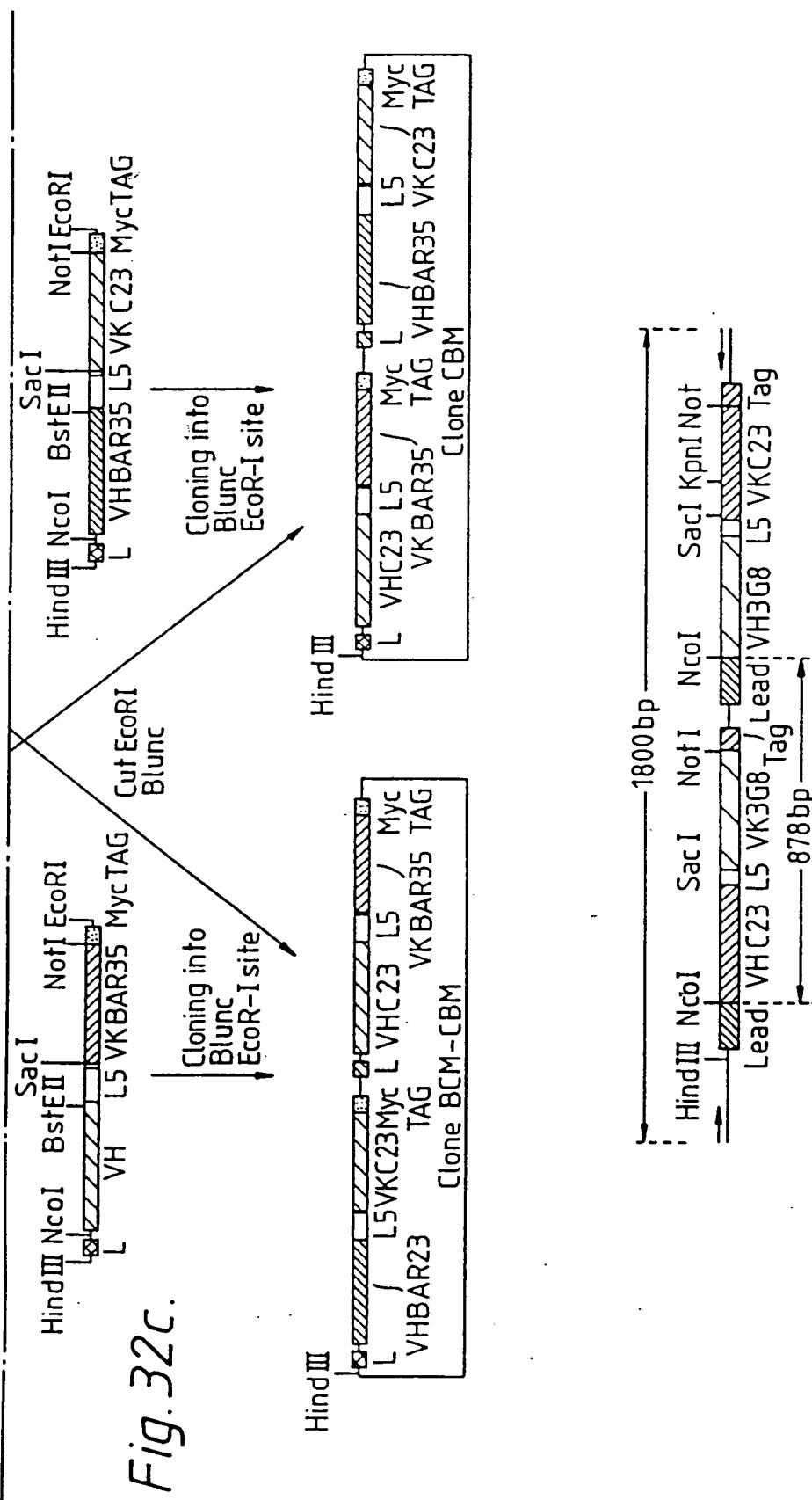
Fig. 32

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Fig. 32b.

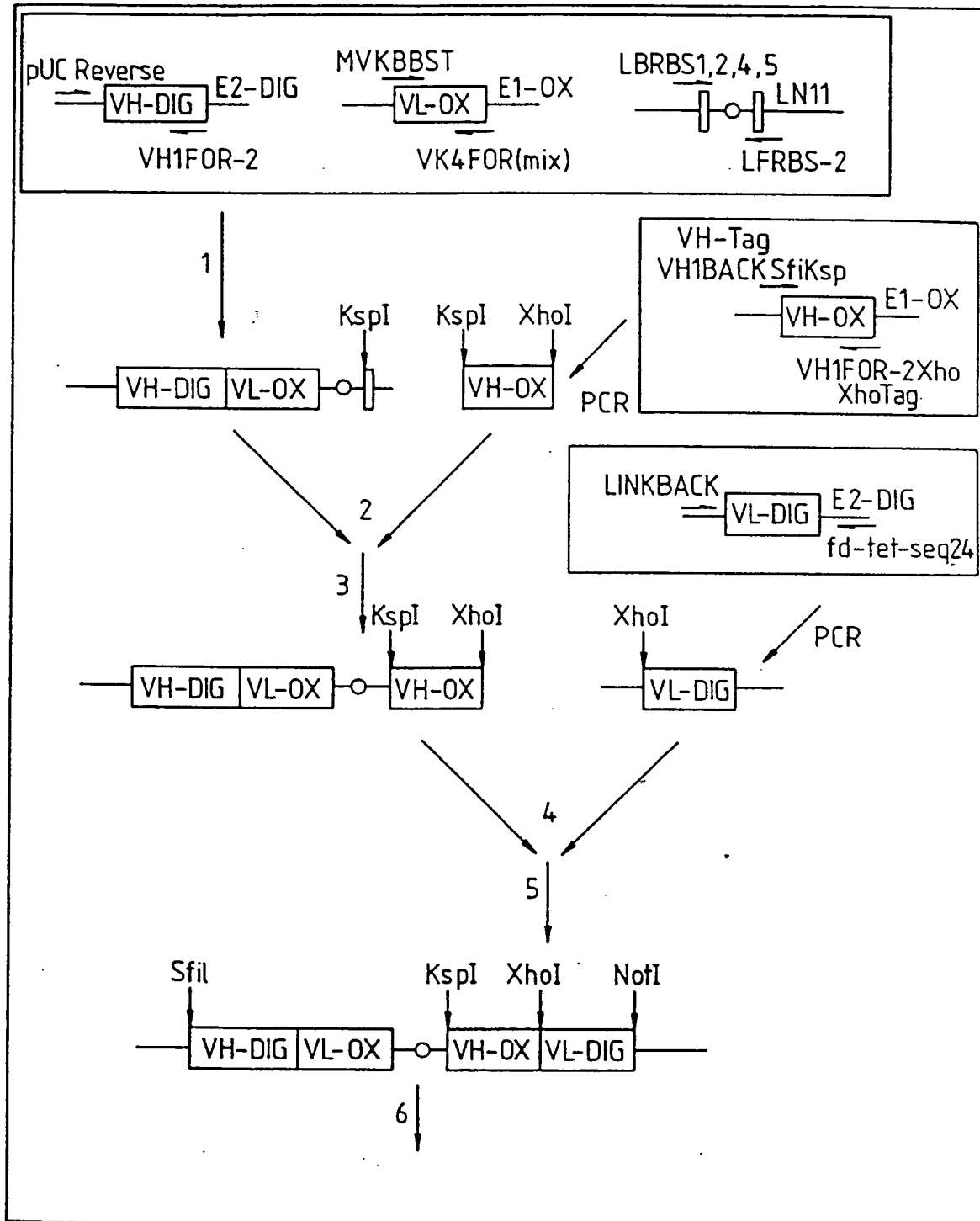


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Fig.33.



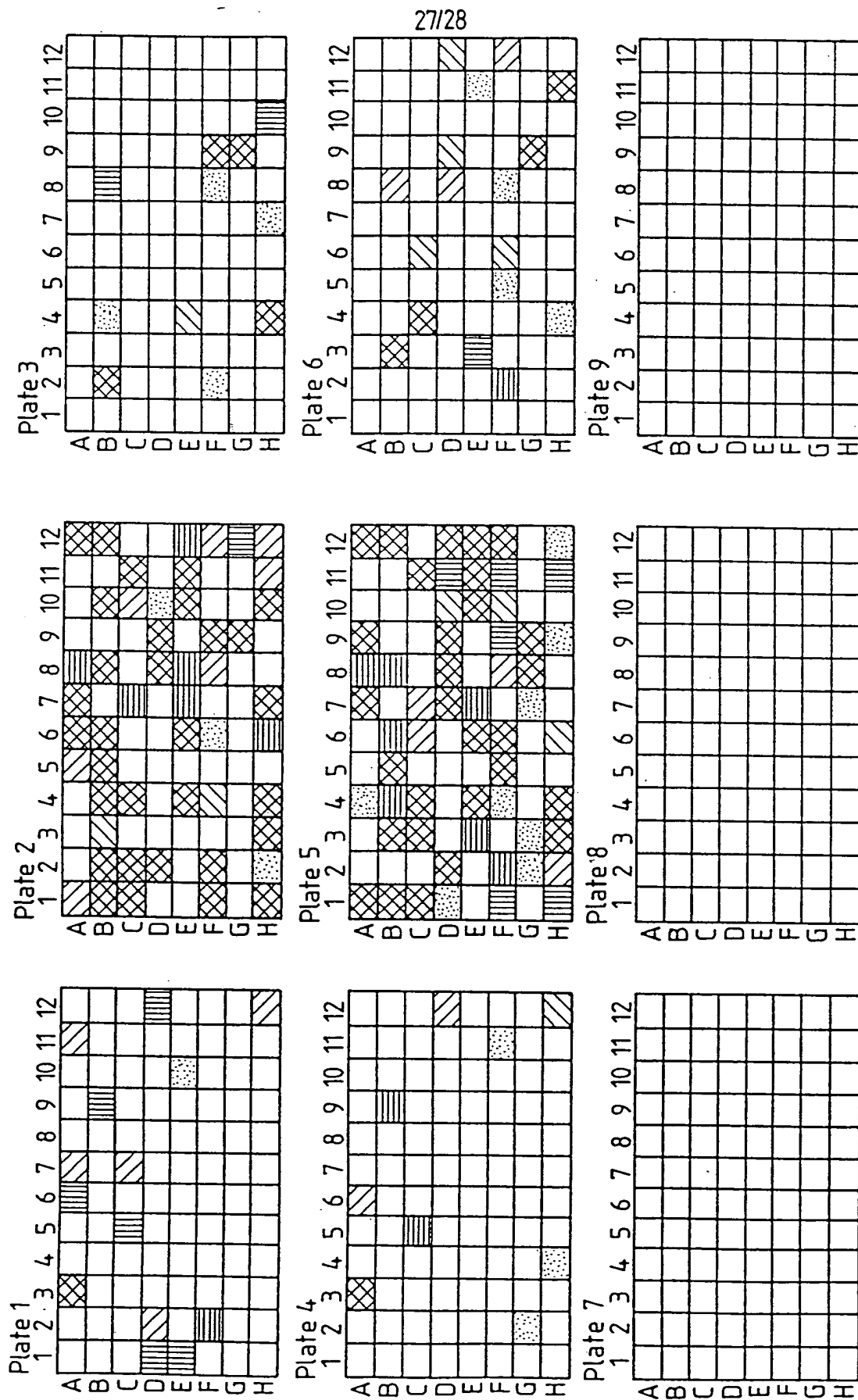


Fig.34.

Fig.35.

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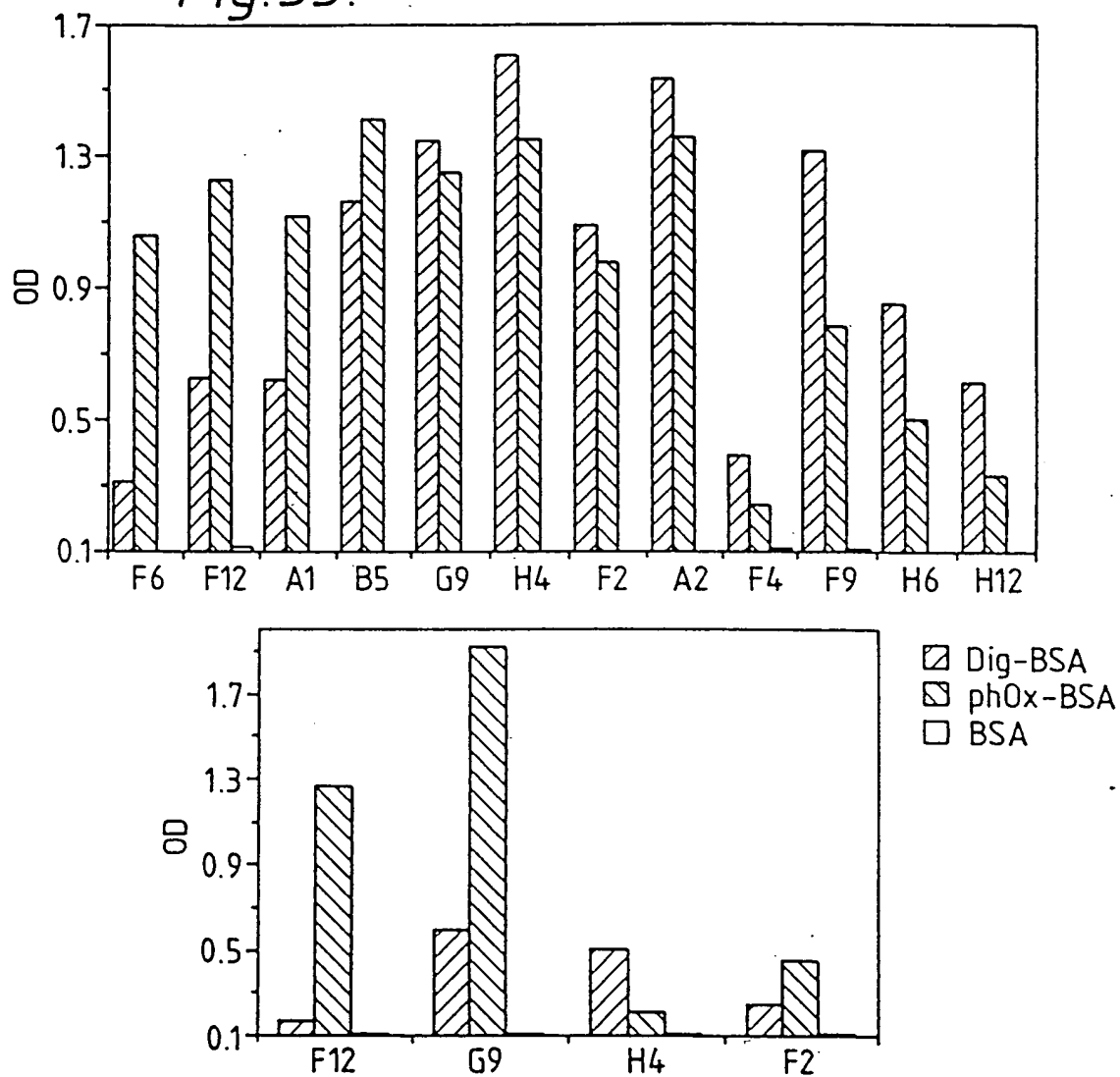
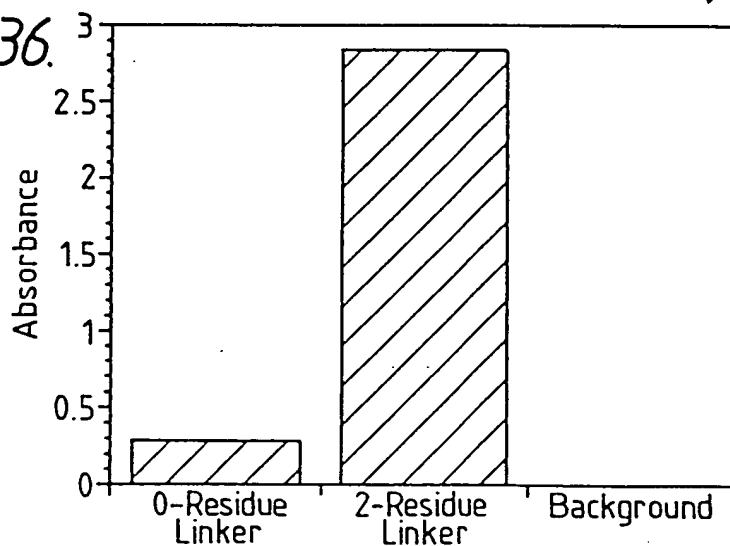


Fig.36.



INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB 93/02492

A. CLASSIFICATION OF SUBJECT MATTER

IPC 5 C12N15/13 C07K15/28 C12P21/08 C12N15/62 C12N15/70
C07K1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 5 C12N C07K C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	TRENDS IN BIOTECHNOLOGY vol. 10, no. 3, March 1992, CAMBRIDGE, GB pages 80 - 84 D. CHISWELL ET AL. 'Phage antibodies: Will new 'coliclonal' antibodies replace monoclonal antibodies.' see abstract ---	10, 11, 27, 35, 44, 45
P, X	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE USA vol. 90, no. 14, 15 July 1993, WASHINGTON DC, USA pages 6444 - 6448 P. HOLLIGER ET AL. '"Diabodies": small bivalent and bispecific antibody fragments.' see the whole document --- -/-	1-5, 12-37, 39, 40, 46-51, 60

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